



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Caradco Windows & Doors
201 Evans Drive
Rantoul, IL 61866

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: All-Purpose Structural Clipped Mullion 1BS w/Steel Reinforcement-Impact

APPROVAL DOCUMENT: Drawing No.M98-06, titled "All-Purpose Structural Mullion ", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 12/16/98, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large & Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

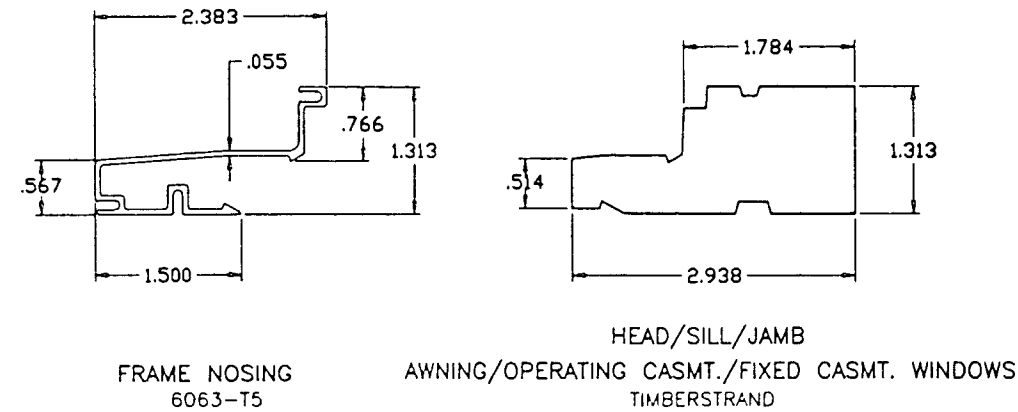
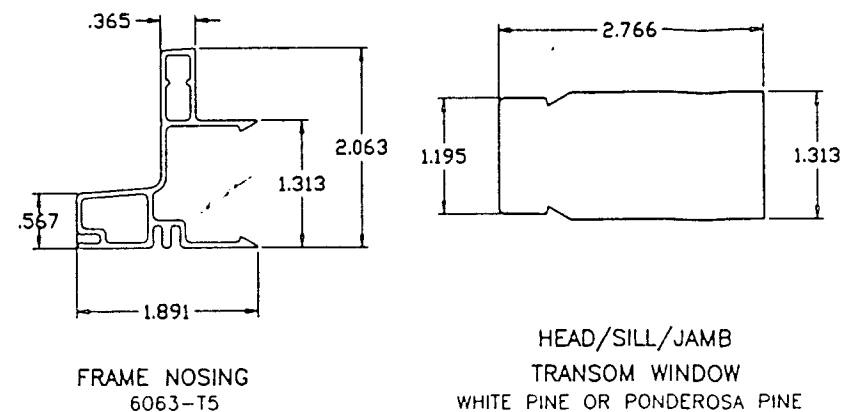
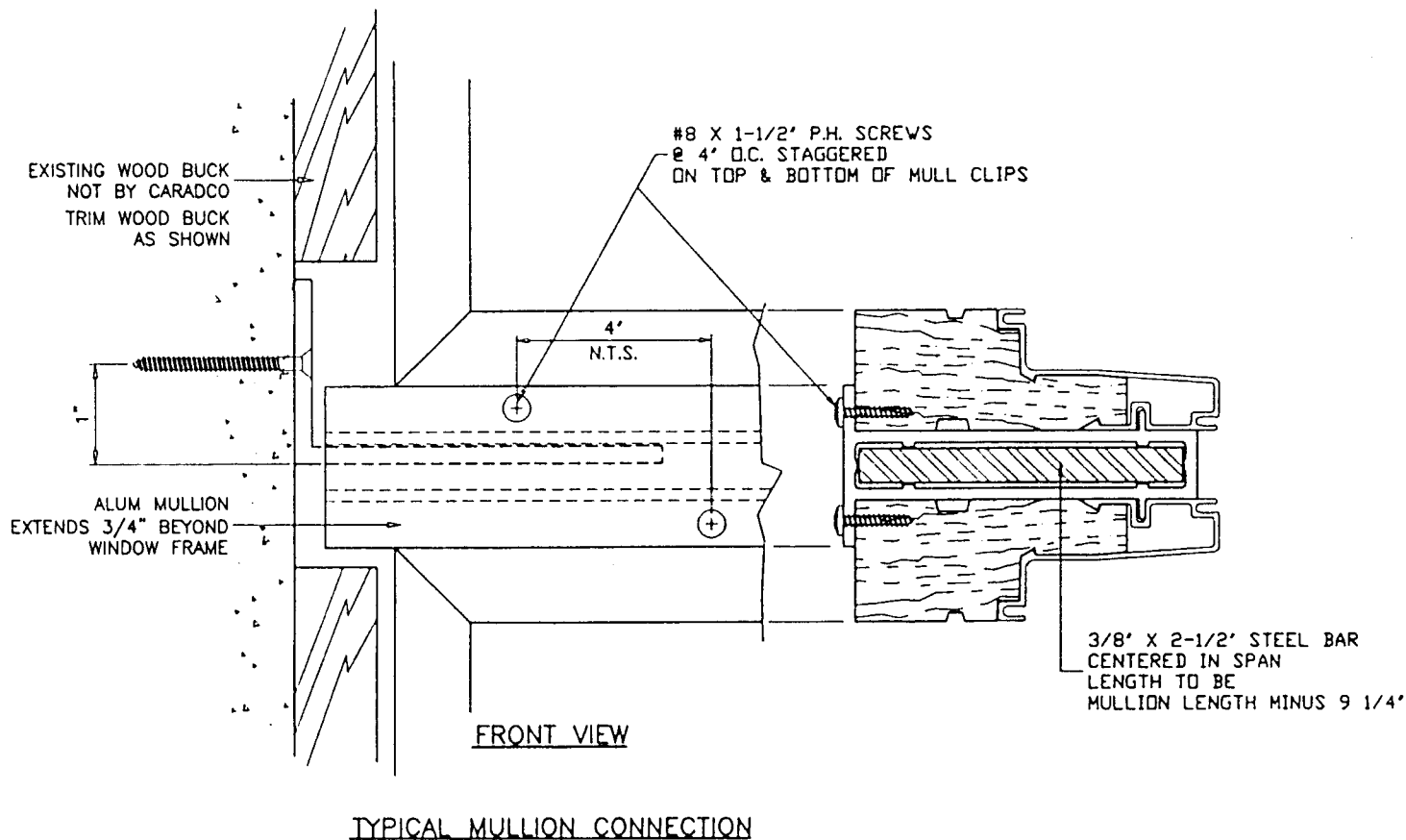
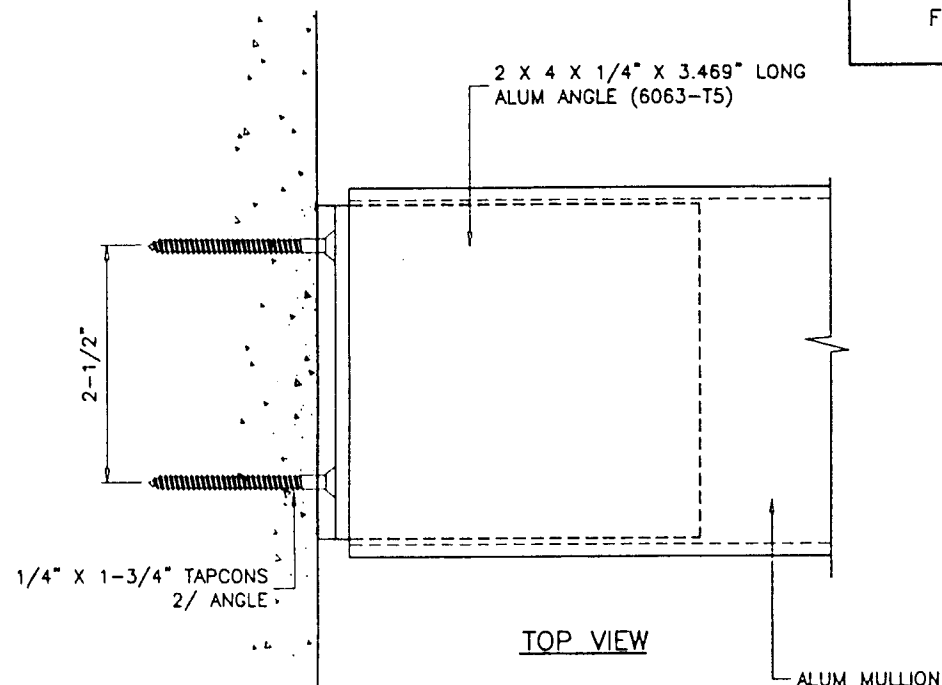
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 99-0302.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



NOA No 02-0103.02
Expiration Date: December 28, 2006
Approval Date: March 21, 2002
Page 1

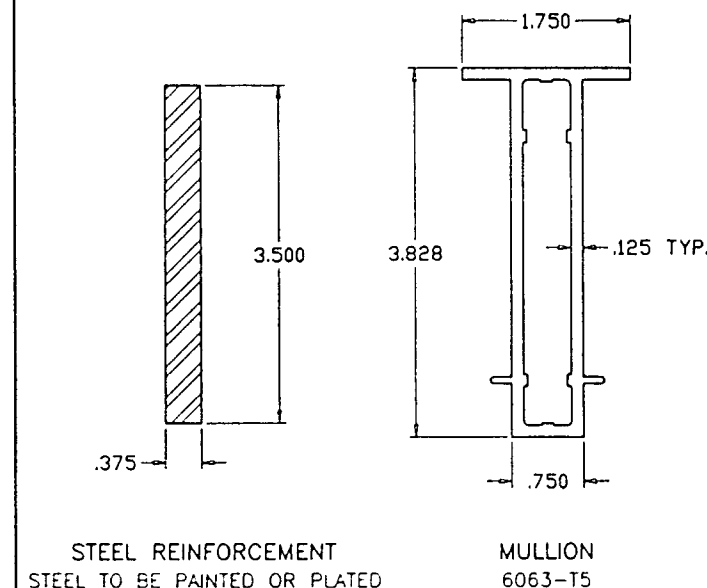


INSTRUCTIONS:

USE MULLION/ANCHOR LOAD CHART AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED FOR PARTICULAR OPENING.
- STEP 2** USE DADE COUNTY APPROVED GLAZING PRODUCTS MEETING ABOVE LOAD REQUIREMENTS, FOR WINDOWS WINDOW ANCHORS, VERT. MULLION AND MULLION ANCHORS.
- STEP 3** USING MULLION LOAD CHART DETERMINE MULLION CAPACITY WHICH MUST EXCEED THE DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

PRODUCTS USED WITH THIS N.O.A. TO SUPPORT ONLY CARADCO 'CAR CLAD' WINDOWS WITH A CURRENT NOTICE OF ACCEPTANCE. WINDOWS INCLUDE AWNING, OPERATING CASEMENT, FIXED CASEMENT AND FIXED PICTURE WINDOWS (ARCH OR RECTANGULAR TYPE).



THESE MULLIONS ARE RATED FOR LARGE MISSILE IMPACT

VERTICAL/HORIZONTAL STRUCTURAL ALUMINUM MULLION SYSTEM WITH STEEL REINFORCING WINDOW FRAME MEMBERS INCLUDED IN PROPERTIES

NOTES:

- GLAZING PRODUCTS USED WITH THIS MULLION MUST MEET THE APPLICABLE DADE COUNTY REQUIREMENTS I.E. WIND LOAD, AIR & WATER INFILTRATION, SAFEGUARDS ETC.
- ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.)
- ANY CONDITIONS NOT COVERED IN THIS SUBMITTAL SUBJECT TO SEPARATE ENGINEERING REVIEW.

PRODUCT RENEWED

ACCEPTANCE No. 02-0103-02

EXPIRATION DATE DECEMBER 28, 2006

By: [Signature] PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE

Engr. DR. HUMAYOUN FAROOQ STRUCTURES FLA. PE # 16557

JUN 14 1999

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE

DATE July 01 1999

BY [Signature]

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 99-0302-02

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
MULLION/M98-06CO

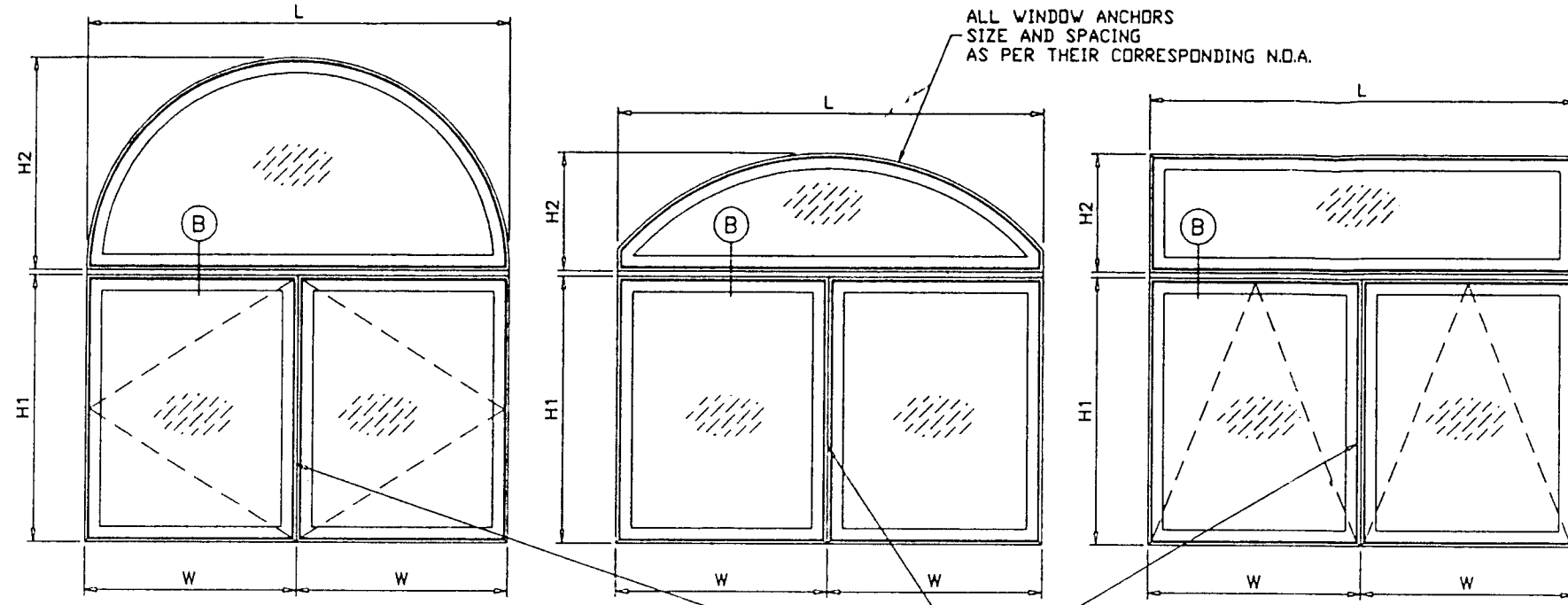
ALL PURPOSE STRUCTURAL MULLION
CARADCO WOOD WINDOWS & PATO DOORS
201 EVANS ROAD
RANTOUL, ILLINOIS 61866
TEL. (217) 893-4444 FAX (217) 893-0921

rel. date	by description

date: 12-16-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. M98-06

sheet 1 of 4



ALL WINDOW ANCHORS
SIZE AND SPACING
AS PER THEIR CORRESPONDING N.O.A.

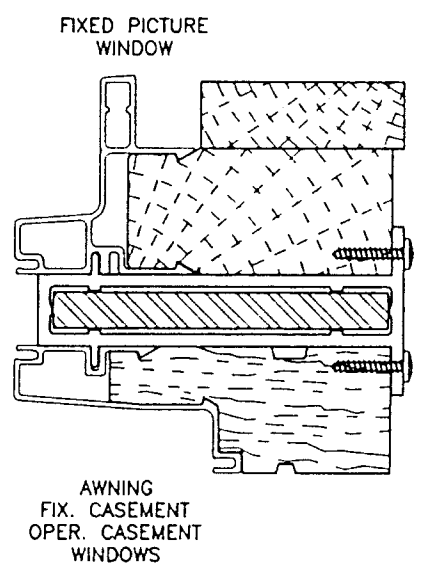
FOR DESIGN LOAD CAPACITY
OF SIDE BY SIDE MULLIONS
SEE SEPARATE N.O.A.
CORRESPONDING TO THE
GLAZING PRODUCTS BEING USED

TYPICAL ELEVATIONS

AWNING, OPERATING CASEMENT OR FIXED CASEMENT WINDOWS WITH TRANSOM ABOVE

EXTERIOR

(B)



HORIZONTAL MULLION				
AWNING/OPERATING CASEMENT/FIXED CASEMENT WINDOWS WITH FIXED PICTURE WINDOW ABOVE				
WINDOW DIMENSIONS				MULLION CAPACITY PSF
W	L	H1	H2	
17'	34'	30'	19'	100.0
UPTO				
30'	60'	30'		100.0
		36'		100.0
		48'	32'	100.0
		60'		100.0
		72'		100.0
36'	72'	30'	19'	100.0
			28'	100.0
			39'	100.0
		36'	19'	100.0
			28'	100.0
			39'	100.0
		48'	19'	100.0
			28'	100.0
			39'	99.0
		60'	19'	100.0
			28'	100.0
			39'	90.4
		72'	19'	100.0
			28'	97.5
			39'	83.2
48'	96'	30'	22'	100.0
			36'	91.8
			50'	72.0
		36'	22'	100.0
			36'	86.7
			50'	68.8
		48'	22'	100.0
			36'	78.0
			50'	63.2
		60'	22'	90.0
			36'	70.9
			50'	58.5
		72'	22'	80.7
			36'	65.0
			50'	54.4

PRODUCT RENEWED

ACCEPTANCE No. 02-0103.02

EXPIRATION DATE DECEMBER 28, 2000

By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 15, 1999
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0302-02

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
JUN 14 1998

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
MULLION M98-06CO

ALL PURPOSE STRUCTURAL MULLION

CARADCO WOOD WINDOWS & PATO DOORS
201 EVANS ROAD
RANTOUL, ILLINOIS 61866
TEL. (217) 893-4444 FAX (217) 893-0921

revisions:	no	date	by	description

date: 12-16-98

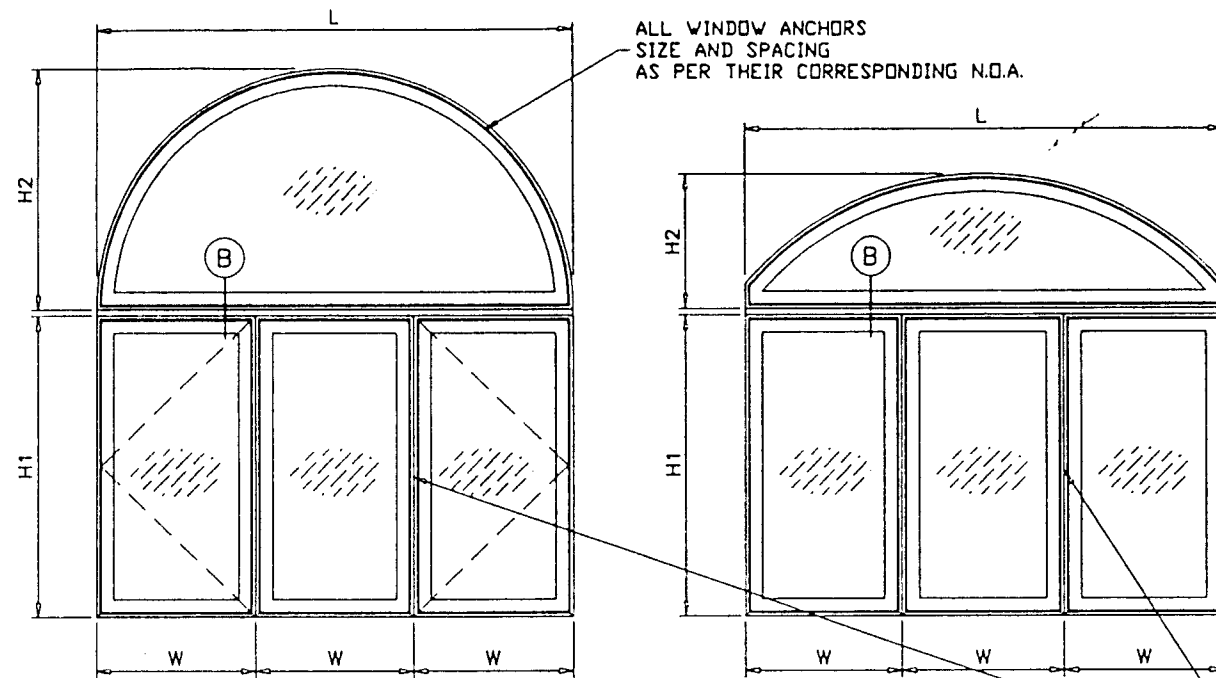
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dr. by: HAMID

chk. by:

drawing no.
M98-06

sheet 2 of 4



ALL WINDOW ANCHORS
SIZE AND SPACING
AS PER THEIR CORRESPONDING N.O.A.

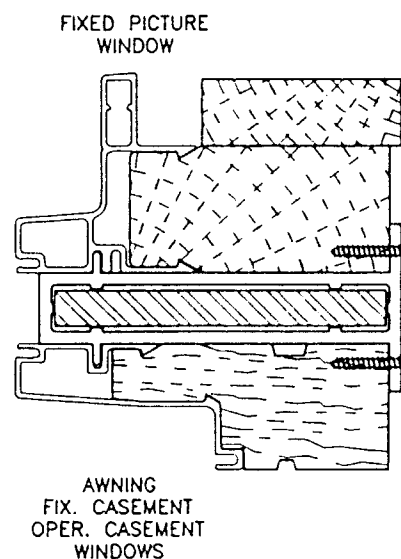
FOR DESIGN LOAD CAPACITY
OF SIDE BY SIDE MULLIONS
SEE SEPARATE N.O.A.
CORRESPONDING TO THE
GLAZING PRODUCTS BEING USED

TYPICAL ELEVATIONS

AWNING, OPERATING CASEMENT OR FIXED CASEMENT WINDOWS WITH TRANSOM ABOVE

EXTERIOR

B



FIXED PICTURE
WINDOW

AWNING
FIX. CASEMENT
OPER. CASEMENT
WINDOWS

HORIZONTAL MULLION				
AWNING/OPERATING CASEMENT/FIXED CASEMENT WINDOWS WITH FIXED PICTURE WINDOW ABOVE				
WINDOW DIMENSIONS				MULLION CAPACITY PSF
W	L	H1	H2	
17'	51'	30'	18'	100.0
UPTO				
24'	72'	30'	18'	100.0
			28'	100.0
			38'	100.0
		36'	18'	100.0
			28'	100.0
			38'	100.0
		48'	18'	100.0
			28'	100.0
			38'	81.9
		60'	18'	100.0
			28'	91.8
			38'	80.0
30'	90'	30'	18'	94.5
			28'	82.1
			38'	72.6
		36'	21'	100.0
			32'	96.0
			47'	74.5
		48'	21'	100.0
			32'	89.1
			47'	70.3
		60'	21'	94.2
			32'	78.0
			47'	63.2
		72'	21'	81.8
			32'	69.3
			47'	57.4
			21'	72.3
			32'	62.4
			47'	52.5

PRODUCT RENEWED

ACCEPTANCE No. 02-0103.02

EXPIRATION DATE DECEMBER 28, 2006

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 01, 19 99
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE No. 99-0302.02

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

JUN 14 1999

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
MULLION M98-06CO

ALL PURPOSE STRUCTURAL MULLION

CARADCO WOOD WINDOWS & PATIO DOORS
201 EVANS ROAD
RANTOUL, ILLINOIS 61866
TEL. (217) 893-4444 FAX (217) 893-0921

revisions:

no	date	by	description

date: 12-16-98

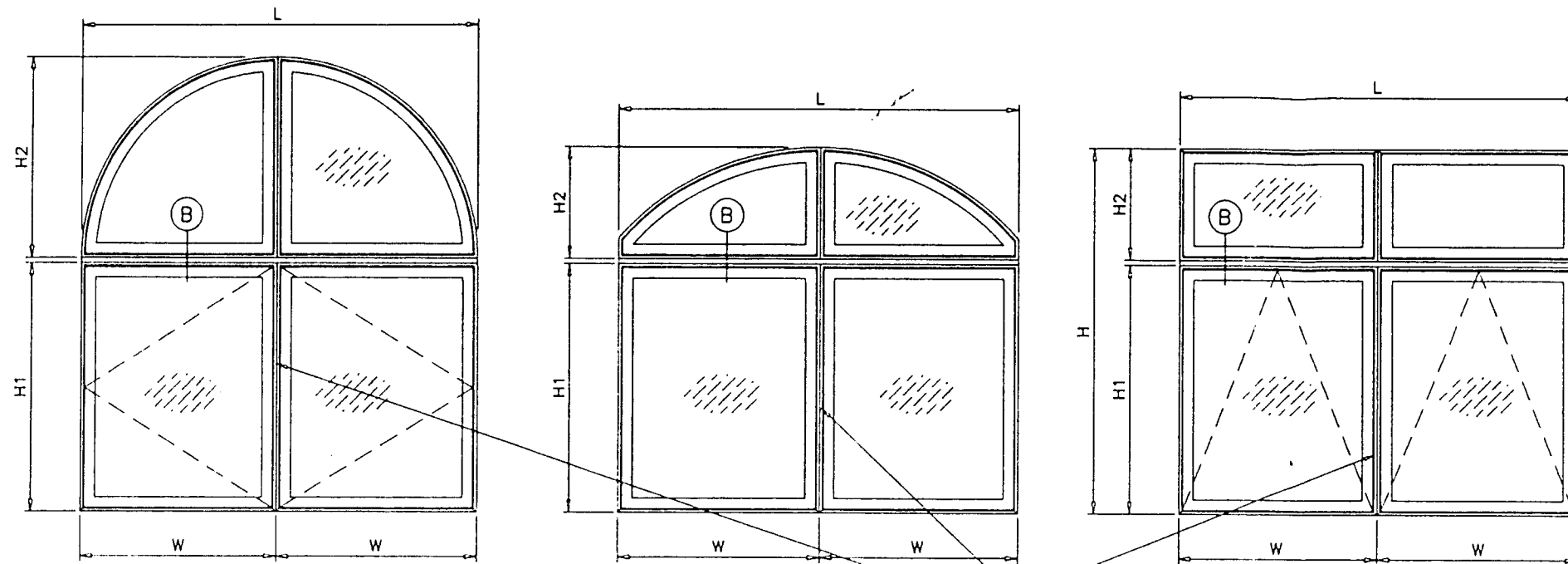
scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.
M98-06

sheet 3 of 4



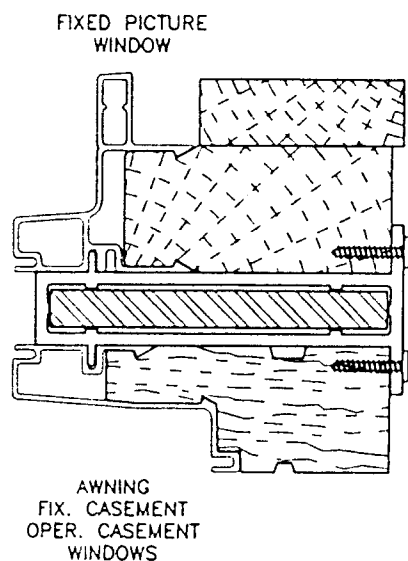
TYPICAL ELEVATIONS

AWNING, OPERATING CASEMENT OR FIXED CASEMENT WINDOWS STACKED WITH HORIZ. MULLION IN BETWEEN

FOR DESIGN LOAD CAPACITY
OF SIDE BY SIDE MULLIONS
SEE SEPARATE N.O.A.
CORRESPONDING TO THE
GLAZING PRODUCTS BEING USED

EXTERIOR

B



HORIZONTAL MULLION			
AWNING/OPERATING CASEMENT/FIXED CASEMENT WINDOWS WITH FIXED PICTURE WINDOW ABOVE			
WINDOW DIMENSIONS			MULLION CAPACITY PSF
W	L	H	
17'	34'	60'	100.0
UPTO			
30'	60'	60'	100.0
		72'	100.0
		84'	100.0
		96'	100.0
		108'	100.0
36'	72'	120'	100.0
		60'	100.0
		72'	100.0
		84'	100.0
		96'	100.0
48'	96'	108'	100.0
		120'	100.0
		60'	100.0
		72'	100.0
		84'	100.0
		96'	88.4
		108'	78.6
		120'	70.8

PRODUCT RENEWED

ACCEPTANCE No. 02-0103.02

EXPIRATION DATE DECEMBER 28, 2000

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 14, 1999
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
NO. 99-0302-02

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

JULY 14 1999

AL-FAROOQ CORPORATION

ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978

ALL PURPOSE STRUCTURAL MULLION

CARADCO WOOD WINDOWS & PATIO DOORS
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TEL (217) 893-4444 FAX (217) 893-0921

no	date	by	description

date: 12-16-98	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no.
M98-06

sheet 4 of 4

MULLION M98-06CO